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FAQ

Frequently asked questions

Alarms settings for MXx 1.2 devices



PRODUCT DOCUMENTATION



Alarms settings for MXx 1.2 devices

Question:

What kind of alarms can I set on my MXx 1.2 device?

Answer:

It is possible to set the MXx 1.2 devices alarms through Race Studio 3 in the following way:

- Open Race Studio 3.
- Connect your device (via Wi-Fi or USB): it will appear in the Connected Devices list.
- From the Configuration section, select an existing or create a new one, selecting the device type and adding a name and an optional comment: click OK and the software will open the "Channels" tab.
- Once each channel is set, enter in the "Shift Lights and Alarms" tab, where it is possible to set the device alarms, clicking "Add New Alarm".





Configuring

• after a name has been assigned to the alarm and conditions have been set, involving the wanted channels (it is possible to add/remove a condition clicking [+] and [-]), from the drop-down menu it is possible to choose the associated action type:

• **Message** (selected by default): it is possible to insert a text that will appear in the lower display zone in a red stripe.

• **Popup Message Timed:** it is possible to insert a text that will fill an appearing popup window, occupying the whole display, and set the message lasting time.

Create New Alarm				-		
Description	H20 TEMP			Import	Export	
If All 💠	of the following conditions are true:					
ECU_ECT	greater than	\$	С	110,0		٢
hen trigger the following a	ction(s):					
Message 🛟	HIGH WAT					Ŀ
Until: conditi	on no longer met					
				Save	Cance	el
				-		×
Create New Alarm						
Description	H20 TEMP			Import	Export	
Description	H20 TEMP of the following conditions are true:			Import	Export	
Create New Alarm Description If All CU_ECT	H20 TEMP of the following conditions are true:	¢	с	Import 110,0	Export	C
Create New Alarm Description If All CU_ECT then trigger the following a Popup Message timed	H20 TEMP of the following conditions are true: 	\$	c	Import 110,0	Export	C.
then trigger the following a	H20 TEMP of the following conditions are true: ↓ ↓ greater than ction(s): HIGH WAT	\$	C	Import 110.0 until alarm end until alarm end	Export	C
then trigger the following a	H20 TEMP of the following conditions are true:	•	C	Import 110,0 until alarm end until alarm end for 5 seconds	Export	C
then trigger the following a	H20 TEMP of the following conditions are true:	÷	C	Import 110,0 until alarm end for 5 seconds for 10 seconds	Export	C.
then trigger the following a Popup Message timed \$	H20 TEMP of the following conditions are true: for greater than ction(s): HIGH WAT	\$	C	Import 110,0 until alarm end until alarm end for 5 seconds for 10 seconds for 30 seconds	¢	C
Description If All ECU_ECT then trigger the following a Popup Message timed Juntil: Conditional	H20 TEMP of the following conditions are true: ↓ ✓ greater than ction(s): HIGH WAT	\$	c	until alarm end until alarm end for 5 seconds for 10 seconds for 30 seconds for 1 minute	Export	C.
tr All Description tr All ECU_ECT hen trigger the following a Popup Message timed ↓ Juttil: ↓ conditi	H20 TEMP of the following conditions are true: Image: Conditional system Image: Conditional system	÷		Import 110,0 until alarm end for 5 seconds for 10 seconds for 30 seconds for 1 minute	Export	
Until:	H20 TEMP of the following conditions are true: Image: Conditional system Image: Conditional system Image: Conditional system Image: Conditional system	\$	C	Import 110,0 until alarm end for 5 seconds for 10 seconds for 30 seconds for 1 minute	Export	C



Configuring

- **Display Measure:** it is possible to assign a color to the display measure regarding the verified event. Select a channel and choose a color for the displayed measure
- Description H20 TEMP Import Export All \$ of the following conditions are true If ECU_ECT **¢** c 110,0 [+ then trigger the following action(s): [+ ECU_ECT Display Measure Red Red Green Yellow Blue condition no longer met Until: ŧ Save Cancel 🕮 Create New Alarm П × Description H2O TEMP Import Export All 🔶 of the following conditions are true: If greater than ECU_ECT **¢** c 110,0 [+ then trigger the following action(s): LED 2 continuously \$ [+ 🗘 🧿 Red continuously Red slow blinking C Green fast blinking Yello Blue Magenta condition no longer met Until: ŧ Cyan 0 White Save Cancel

💷 Create New Alarm

• LED: it is possible to select one of the available LEDs, modifying its properties, so choosing to make it turn on steady or making it blink slow/fast and selecting one of the available colors.

• ×



• **Output Signal:** it is possible to drive an external device or relay through the available digital outputs. The maximum current rate is limited to 1A.

🚈 Create New Alarm						-		×
Description	H2	O TEMP			Import	t	Expo	rt
If All 💠	of t	ne following conditions are true:						
ECU_ECT	\$	✓ greater than	¢	C	110,0			[+
then trigger the following a	action(s):						
Message	Inse	rt message text						[+
Popup Message timed								
Display Measure								
LED	,							
Output Signal								
	- 044	iet 🜩						
	Outp	ut 2						

The "Until" labelled drop-down menu allows to set the alarm reset condition. It is possible to nullify the alarm action:

- when the condition is not verified anymore
- when the vehicle is switched off
- when a button is pushed
- when recorded data are downloaded

condition no longer met the device is turned off a button is pushed data is downloaded

N.B.: the alarm reset condition **does not involve** the Popup Message Timed, since its reset time can be chosen from the dedicated bar.